

SIMPLIFIED TEST CERTIFICATE

No. 16/13460-2824M1-S

Bellaterra, 04th February 2020		Product:			
PARCHEM CONSTRUCTION SUPPLIES PTY LTD 7 LUCCA ROAD WYONG NSW 2259 AUSTRALIA		RENDEROC HB 70 PLUS			
Mortars or concretes of hydraulic cement polymerized (PCC): mortars or hydraulic concretes modified with polymer addition in sufficient quantity to provide specific properties to them. Table 3: Requests of performances of products for the structural and non-structural repairation.					
Performance tests	Result	Requirement			
		Structural		Non-structural	
		Class R4	Class R3	Class R2	Class R1
Mixing water	15,25%	--	--	--	--
1- Chloride ion content, UNE-EN 1015-17:2000	0,01%	≤0,05 %		≤0,05 %	
2- Measurement of bond strength by pull-off, UNE-EN 1542:1999	3,1 MPa	≥2,0 MPa	≥1,5 MPa	≥0,8 MPa	
3- Determination of retraction and expansion, UNE-EN 12617-4:2002, Method controlled movements	Shrinkage: 3,1 MPa Expansion: 3,0 MPa	≥2,0 MPa	≥1,5 MPa	≥0,8 MPa	No requirement
4- Determination of resistance to carbonation, UNE-EN 13295:2005	Dk ≤ reference concrete MC(0,45)	Dk ≤ reference concrete tipo MC(0,45)		No requirement	
5- Determination of the module of elasticity in compression, UNE-EN 13412:2008	26,9 GPa	≥20 GPa	≥15 GPa	No requirement	
6- Determination of resistance of capillary absorption, UNE-EN 13057:2002	0,1 kg/(m² x h^{0,5})	≤0,5 kg/(m ² •h ^{0,5})		≤0,5 kg/(m ² •h ^{0,5})	No requirement
7- Determination of the coefficient of thermal expansion, UNE-EN 1770:1990	14,8x10⁻⁶ /°C	Declared value			